

# FIG. 1A

GAGCTCGGAT CCACTACTCG ACCCACCGCGT CCGGCCAGGA CCTCTGTGAA CCGGGTCGGG 60  
CGGGGGCCGC CTGGCCCCGA GTCTGCTCGG CGGTGGGTGG CCGAGGAAGG GAGAGAACGA 120  
TCGGGGAGCA GGGCGCCCGA ACTCCGGGCC CGCGGCC ATG CGC CGG GCC AGC CGA 175  
Met Arg Arg Ala Ser Arg  
1 5  
GAC TAC GGC AAG TAC CTG CGC AGC TCG GAG GAG ATG GGC AGC GGC CCC 223  
Asp Tyr Gly Lys Tyr Leu Arg Ser Ser Glu Glu Met Gly Ser Gly Pro  
10 15 20  
GGC GTC CCA CAC GAG GGT CCG CTG CAC CCC GCG CCT TCT GCA CCG GCT 271  
Gly Val Pro His Glu Gly Pro Leu His Pro Ala Pro Ser Ala Pro Ala  
25 30 35

FIG. 1B

FIG. 1C

FIG. 1 D

FIG. 1 E

# FIG. 1F

TGTCCCTAGAT GTTGGAAAC TTCTTTAAAA ATGGATGATG TCTATACATG TGTAAAGACTA 1196  
CTAAGAGACA TGGCCCCACGG TGTATGAAAC TCACAGCCCT CTCTCTTGAG CCTGTACAGG 1256  
TTGTGTATAT GTAAAGTCCA TAGGTGATGT TAGATTCATG GTGATTACAC AACGGTTTA 1316  
CAATTGTTGTA ATGATTTCCT AGAATTGAAC CAGATTGGGA GAGGTATTCC GATGCTTATG 1376  
AAAACCTTAC ACGTGAGCTA TGGAAAGGGG TCACAGTC TC GGCTCTAAC CCCTGGACAT 1436  
GTGCCACTGA GAACCTTGAA ATTAAGAGGA TGCCATGTCA TTGCAAAGAA ATGATAGTGT 1496  
GAAGGGTTAA GTTCTTTGTA ATTGTACAT TGCGCTGGGA CCTGCAAATA AGTTCTTTT 1556

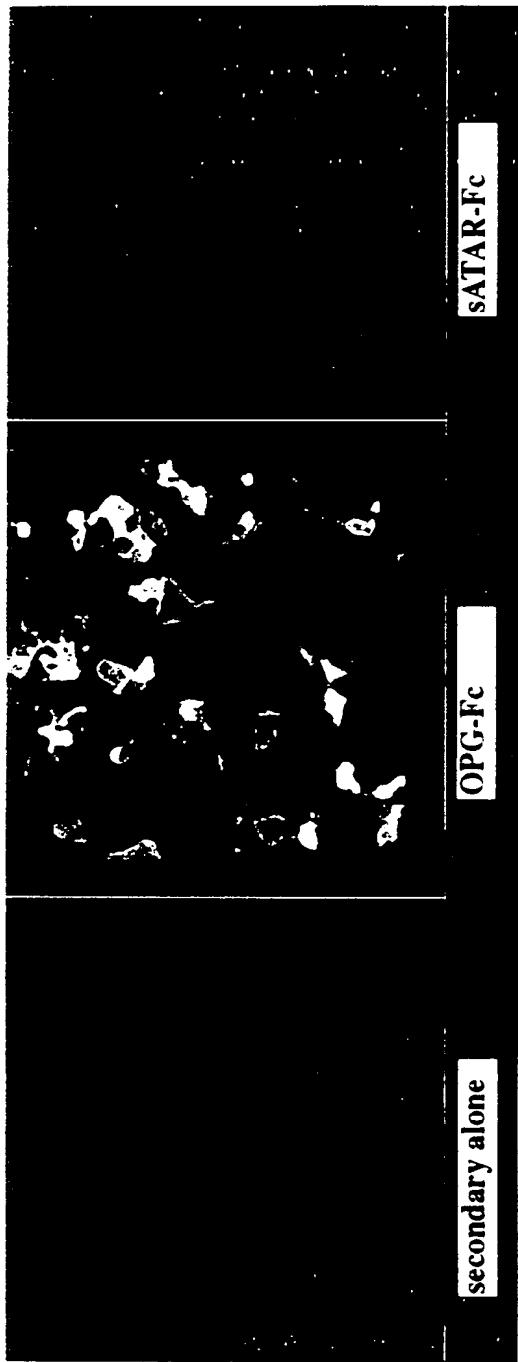
# FIG. 1G

TTCTAATGAG	GAGAGAAAAA	TATATGTATT	TTTATAATAAT	GtCTAAAGTT	ATATTCAGG	1616
TGTAATGTTT	TCTGTGCAA	GTTTTGTAAA	TTATATTGT	GCTATAGTAT	TTGATTCAA	1676
ATATTTAAA	ATGTCTCACT	GTTGACATAT	TTAATGTTT	AAATGTACAG	ATGTATTAA	1736
CTGGTGCAC	TGTAAATTCC	CCTGAAGGTA	CTCGTAGCTA	AGGGGGCAGA	ATACTGTTTC	1796
TGGTGACCAC	ATGTAGTTA	TTTCTTTATT	CTTTTTAACT	TAATAGAGTC	TTCAGACTTG	1856
TCAAAACTAT	GCAAGAAAAA	TAATAAATA	AAAATAAAAT	GAATAACCTTG	AATAATAAGT	1916
AGGATGTTGG	TCACCAGGTG	CCTTTCAAAT	TTAGAACGCTA	ATTGACTTTA	GGAGGCTGACA	1976
TAGCCAAAAA	GGATAACATAA	TAGGCTACTG	AAATCTGTCA	GGAGTATTAA	TGCCAATTATT	2036

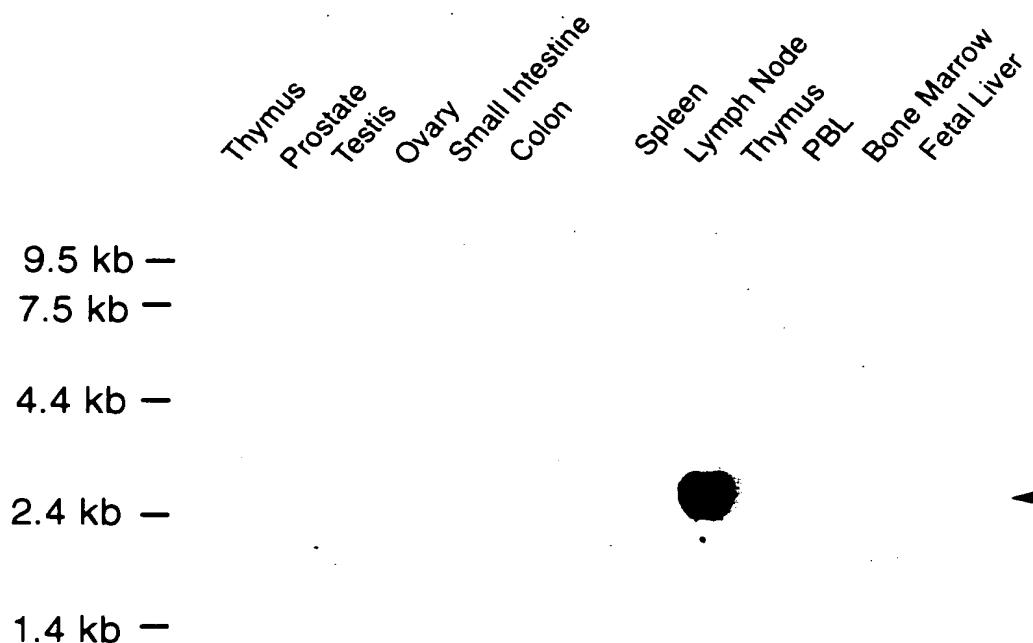
FIG. 1H

GAACAGGTGT CTTTTTTTAC AAGAGCTACA AATTGTAAAT TTGTGTTCTT TTTTTTCCCA 2096  
TAGAAAATGT ACTATAGTTT ATCAGCCAAA AAACAATCCA CTTTTTAATT TAGTGAAAGT 2156  
TATTTTATA TACTGTACAA TAAAAGCATT GTCTCTGAAT GTTAATTTT TGTTACAAAA 2216  
AATAAAATTG TACGAAAACCG TGAAAAAAA AAAAAAAGGG CGGCCGCTCT 2276  
AGAGGGCCCT ATTCTATAG 2295

FIG. 2



25 20 15 10 5 0 kb



**FIG. 3**